

| | | | |
|-----------------------|-----------------------|-----------------|--------------------------------|
| Software Version | : 6.3.1.0504 | Date | : 15.06.2023 19:55:12 |
| Operator | : manager | Sample Name | : |
| Sample Number | : 079 | Study | : Aminex RI(Sugars&alcohols)01 |
| AutoSampler | : NONE | Rack/Vial | : 0/0 |
| Instrument Name | : RI | Channel | : A |
| Interface Serial # | : 8289280011 | A/D mV Range | : 1000 |
| Delay Time | : 0.00 min | End Time | : 21.78 min |
| Sampling Rate | : 1.0000 pts/s | | |
| Sample Volume | : 20.000000 µL | Area Reject | : 0.000000 |
| Sample Amount | : 1.0000 | Dilution Factor | : 1.00 |
| Data Acquisition Time | : 15.06.2023 19:30:44 | Cycle | : 1 |

Raw Data File : C:\PenExe\TcWS\Ver6.3.1\Temp\aminex ri
sugars&alcohols_3_18.12.09-20230615-193055.raw

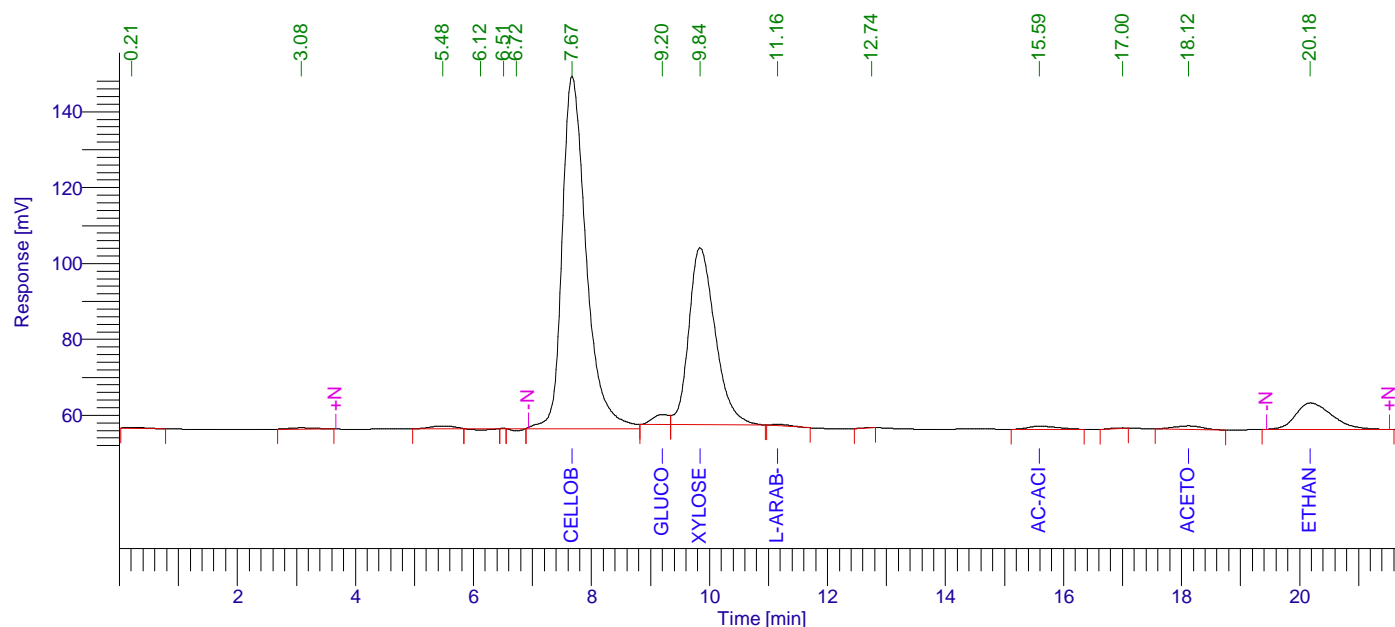
Inst Method : d:\hplc data\met\aminex ri(sugars)03+lactose from C:\PenExe\TcWS\Ver6.3.1\Temp\aminex ri
sugars&alcohols_3_18.12.09-20230615-193055.raw

Proc Method : d:\hplc data\met\aminex ri(sugars)03+lactose.mth from

Calib Method : d:\hplc data\met\aminex ri(sugars)03+lactose.mth from

Report Format File: d:\hplc data\met\aminex ri(sugars) 01 .rpt

Sequence File : D:\HPLC Data\Seq\Aminex RI (Sugars & alcohols) 01.seq



Aminex RI (Sugars) 01

| Peak # | Component Name | Time [min] | Area [uV*sec] | Height [uV] | Area [%] | Norm. Area [%] | Raw amount g/L | Adjusted amount g/L |
|--------|----------------|------------|---------------|-------------|----------|----------------|----------------|---------------------|
| 1 | | 0.206 | 6365.90 | 265.45 | 0.14 | 0.14 | 0.0003 | 0.0003 |
| 2 | | 3.082 | 10251.70 | 334.24 | 0.23 | 0.23 | 0.0005 | 0.0005 |
| 3 | | 5.484 | 22033.41 | 750.20 | 0.48 | 0.48 | 0.0011 | 0.0011 |
| 4 | | 6.117 | 6455.17 | -280.93 | 0.14 | 0.14 | 0.0003 | 0.0003 |
| 5 | | 6.505 | 375.78 | 89.18 | 0.01 | 0.01 | 0.0000 | 0.0000 |
| 6 | | 6.725 | 7396.77 | -613.97 | 0.16 | 0.16 | 0.0004 | 0.0004 |
| 7 | Cellobiose | 7.669 | 2624418.91 | 92912.71 | 57.69 | 57.69 | 3.6120 | 3.6120 |
| 8 | Glucose | 9.199 | 51237.14 | 2642.08 | 1.13 | 1.13 | 0.0993 | 0.0993 |
| 9 | Xylose | 9.838 | 1450311.24 | 46611.48 | 31.88 | 31.88 | 1.9778 | 1.9778 |
| 10 | L-arab-se | 11.157 | 8266.09 | 350.86 | 0.18 | 0.18 | 0.0008 | 0.0008 |
| 11 | | 12.745 | 1165.30 | 71.60 | 0.03 | 0.03 | 0.0001 | 0.0001 |

15.06.2023 19:55:12 Result:

| Peak # | Component Name | Time [min] | Area [uV*sec] | Height [uV] | Area [%] | Norm. Area [%] | Raw amount g/L | Adjusted amount g/L |
|--------|----------------|------------|---------------|-------------|----------|----------------|----------------|---------------------|
| 12 | Ac-acid | 15.594 | 27512.55 | 811.55 | 0.60 | 0.60 | 0.0000 | 0.0000 |
| 13 | | 16.997 | 2543.09 | 112.23 | 0.06 | 0.06 | 0.0001 | 0.0001 |
| 14 | Acetone | 18.119 | 30240.18 | 912.37 | 0.66 | 0.66 | -12.0520 | -12.0520 |
| 15 | Ethanol | 20.182 | 300858.43 | 7014.23 | 6.61 | 6.61 | 1.0076 | 1.0076 |
| | | | 4549431.66 | 151983.29 | 100.00 | 100.00 | -5.3516 | -5.3516 |

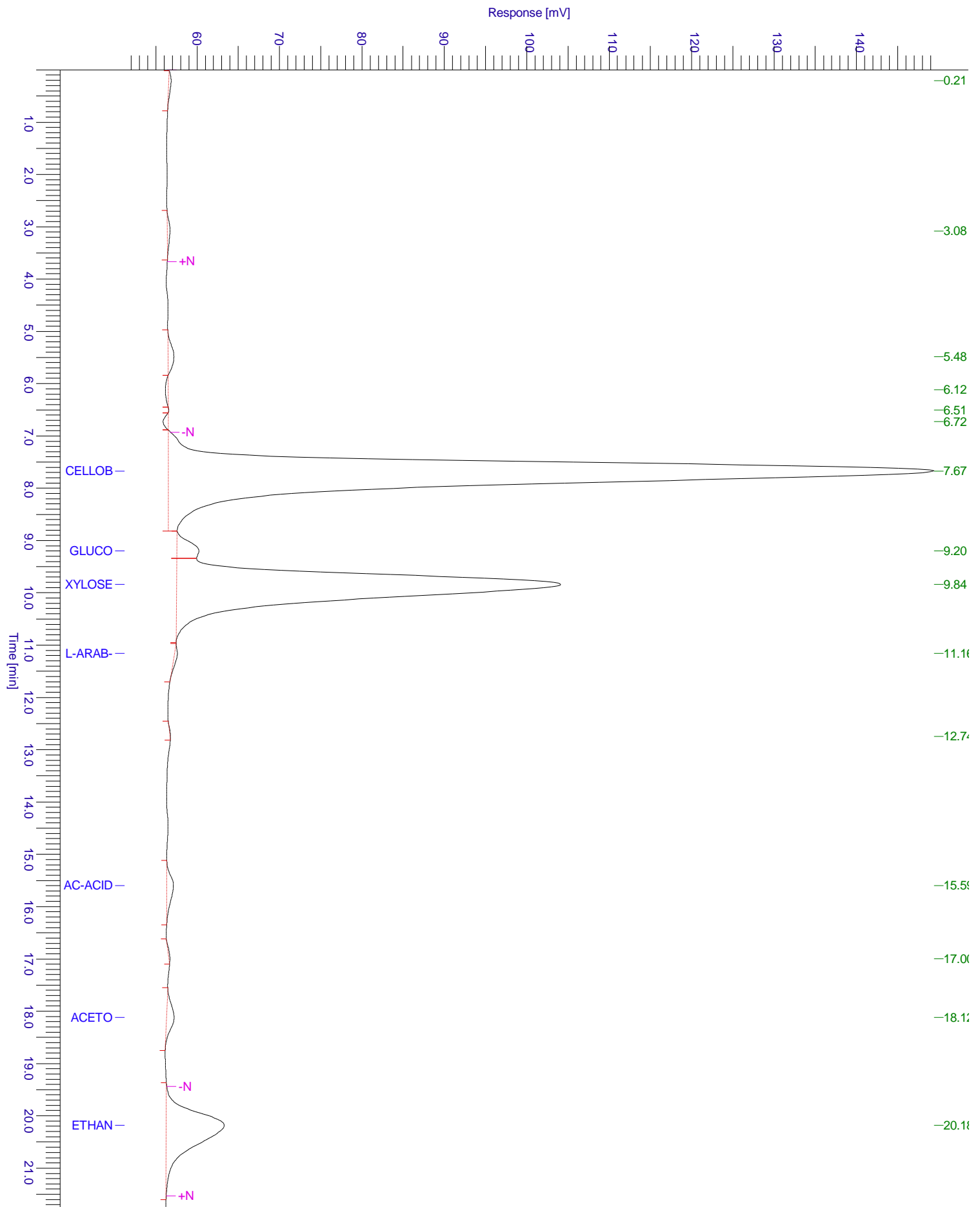
Missing Component Report

Component Expected Retention (Calibration File)

| | |
|-------------|--------|
| Cucose | 7.733 |
| Lactose | 7.920 |
| Xylitol | 11.668 |
| Lac-acid | 13.126 |
| Glycerol | 13.350 |
| Propanol | 21.098 |
| Isopropanol | 22.119 |
| Isobutanol | 31.890 |
| Butanol | 34.050 |
| Isoamyl | 44.911 |
| Amyl | 57.198 |

Chromatogram

Sample Name : Sample #: 079 Page 1 of 1
FileName : C:\PenExe\TcWS\Ver6.3.1\Templaminex ri sugars&alcohols_3_18.12.09-20230615-193055.raw
Date : 15.06.2023 19:55:16
Method : aminex ri(sugars)03+lactose.mth Time of Injection: 15.06.2023 19:30:44
Start Time : 0.00 min End Time : 21.78 min Low Point : 51.20 mV High Point : 149.40 mV
Scale Factor: 1.0 Plot Offset: 51.20 mV Plot Scale: 98.2 mV



Chromatogram

Sample Name : Sample #: 079 Page 1 of 1
FileName : C:\PenExe\TcWS\Ver6.3.1\Temp\aminex ri sugars&alcohols_3_18.12.09-20230615-193055.raw
Date : 15.06.2023 19:55:16
Method : aminex ri(sugars)03+lactose.mth Time of Injection: 15.06.2023 19:30:44
Start Time : 0.00 min End Time : 21.78 min Low Point : 50.96 mV High Point : 149.40 mV
Plot Offset: 50.96 mV Plot Scale: 98.4 mV

